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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Wands et al.

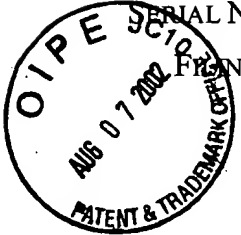
SERIAL NUMBER: 09/903,023

EXAMINER: Yu, Misook

FILING DATE: July 11, 2002

ART UNIT: 1642

FOR: DIAGNOSIS AND TREATMENT OF MALIGNANT NEOPLASMS



Commissioner for Patents  
Washington, D.C. 20231

August 7, 2002  
Boston, Massachusetts

RECEIVED

AUG 13 2002

TECH CENTER 1600/2000

AMENDMENT AND RESPONSE

In response to the Office Action mailed on February 7, 2002, please amend the application as follows.

In the claims:

Cancel claim ~~28~~ and ~~48~~. Amend claims 1, 9, 41 and 45. Add new claims 55-61.

C1  
amb  
D2

1. (amended) A method for diagnosing a malignant neoplasm in a mammal, comprising contacting a bodily fluid from said mammal with an antibody or fragment thereof which binds to an human aspartyl (asparaginy) beta-hydroxylase (HAAH) polypeptide under conditions sufficient to form an antigen-antibody complex and detecting the antigen-antibody complex, wherein an increase in antigen-antibody complex indicates an increase in HAAH level compared to a normal noncancerous control, said increase being indicative of a malignant neoplasm.

C2  
amb  
D2

9. (amended) A method for prognosis of a malignant neoplasm of a mammal, comprising

(a) contacting a bodily fluid from said mammal with an antibody which binds to an HAAH polypeptide under conditions sufficient to form an antigen-antibody complex and detecting the antigen-antibody complex;